

ARC CHANNEL

OUR SIXTY SECOND YEAR

Art Schultz W9BR
Editor

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Publisher

MEETINGS: 2nd and 4th Fridays each Month
U. C. Missions Bldg.
222 S. Downey Ave.

Newsletter #10
Sept. 1977

Meeting September 9, 1977.

Club members will meet promptly at 8:00 PM. in the Lobby of the Channel 4 TV facilities WTTV-TV, located at Bluff Rd. and Sumner Ave. Paul Bohrer, W9DUU has kindly made the arrangements and will conduct the tour. The location can be reached by two routes, #1 take I-465 to the Harding exit, north on Harding to Sumner, right on to Bluff Rd. #2 Go south on US-31 from town to Sumner Ave. right on Sumner West to Bluff Rd. SEE U THERE.

PROGRAM REVIEW Meeting of June 10, 1977. Thirty members and guests attended the Homebrew Night to hear four of our members present their Homebrew projects and describe their function and design. Gerry Lucas, W9BS started off with a 6 volt regulated power supply and his very professional looking Electronic Keyer. The Keying sounded very crisp and clear. Garry stated it is very immune to RF fields. The mechanical finish on the keyer was excellent, reflecting its builder's virtuosity in mechanical arts. PETE RYZA, WB9QWU showed his Novice Transmitter covering 80 and 40 meter bands, 10 watts using a 6T9 tube with Pierce Osc. and Pi-output network and integral power supply. Pete reported it effectively provided him with many happy hours of operation, now serving as a stand-by rig. DAVE TIMMERMAN, WB9CER displayed his 5-15 volt regulated power supply using Motorola chip MC1469 and an 18 volt CT transformer providing 10 amps output, with short circuit protection. Mike Williams, K9QHO showed his Automatic Identifier for RTTY use using a programable ROM. He wire wrapped his connections to the 9 IC's which functions by a push-button start, and steps itself. Voting was very close with Lucas meriting 1st place, RYZA second and third and fourth places tied. Lucas generously supplied a digital clock circuit board as a door prize, won by Henry Peterson, W9ZRK. Prizes consisted of a B&W Coax Switch, by Graham Electronic, a transistor checker donated by Byron Fortner, W9FYM, A ARRL textbook "Solid State Design for the Amateur" by VanSickle Co. A second copy of this work was donated by ARRL to be given as a club prize in the near future.

June 24th was Annual Auction Night with a good attendance and spirited bidding. Garry Lucas, W9BS was auctioneer for the first half with our able and suave Louie Linthecome, K9EET, serving the latter half. Goodies were fewer in number but much higher quality and cleaner condition. Our deep thanks to Vern Swigert, W9YBZ who bid on all the White pachyderms and kept the dynamism going. The Club's 10% take was \$12.65.

Pres, Mike Williams, announced that the IRC Constitutional Amendment had been voted on and appointed Jerry Lucas, W9BS and Ken Alexander, WB9VGS to tally the voting and certify the balloting. They reported that the voting to adopt was 45 Yes and 2 No. The constitution will be revised accordingly and carry the official certification and dates and copies issued to all members in October 1977.

W9JP.

ARRL FIELD DAY This effort was a combination of the IRC and the IUPUI Radio Clubs under the Chairmanships of Cary Carender, WB9LID and Charles Yokomoto, WB9HOE respectively, held on June 25-26 at Carender's Ranch 2 miles Northeast of Greenfield, Ind. In spite of Murphy showing up with bent masts, a bit of rain and some antenna problems, the event was enjoyed by all. Our thanks to the chairmen and Willard Walsh, WB9UMB, Tom Woolums, WD9BKN, Jerry Lucas, W9BS, Malcolm Eberhardt, WB9WRC, Tom and Mrs. Martin, WD9DQA, and Mike Williams, K9QHO for their installation and operating efforts as well as to Ken Alexander, WB9VGS who supplied an antenna tuner for 160. Non-Club members participating were John Jacobs, WB9PAR Mike Kell, W9LTU, Al Davis, WB9KVC, Mike Blake, K9JRI and Neil Carender. Ten ops participated using 5 simultaneous operating rigs, Class A5, using a field generator and earning a total of 1896 points, 182 CW contacts and 534 on Phone. Everyone had a great time making this the best Field Day ever. Ye Editor nominates the two Chairmen for the Award of Merit for their services in Organizing, Planning, and Executing this splendid activity.

NEW MEMBERS Our membership swelled by two new members who received their membership Certificates in June 1977. ANTONIO PICCOLO, I8PYH, a native of Italy has joined our ranks, having taken his Novice test and Made application for US ticket. He is the Restaurant Manager for the Sam's Subway System and resides at 6360 Monitor Drive, Phone 215-2861. Antonio is 44 and a member of ARL, the Radio Club of Italy.

Our second member is Tom Martin, WD9DQA of 7959 Lieber Rd. Phone 253-2927 Tom is in Technical Sales and represents several large instrument manufacturers, He received his Novice ticket in May 1977, and is active on the bands and is currently fighting antenna problems. Tom is 58 and a native of our fair city.

INDY HAMFEST was held at the Marion County Fairgrounds on July 10th. this being the 6th time for Indy. Dave Timmerman, WB9CER acted as liason member representing IRC. Club members were selected to act as guides for visitors and answer all their questions at the meet. IRC members also manned the official Prize Booth, distributing the goodies to the lucky winners, doing this in shifts. Dave and the Hamfest Committee wishes to thank the IRC for doing a great job in making this, the best Hamfest so far, with an paid attendance over 2500, some 500 over last years attendance. The top prize of a Kenwood TS-820 was carried off by a W4 residing in Fla.

COMING EVENTS The IRC has again been asked to furnish Radio Communications during the Annual Hoosier Canoe Club races on October 9-10th Jerry Schodish is Hoosier Canoe Chairman Phone 257-9928-- Ron Cooper WB9DKL of the IRC has been appointed operations manager for IRC. If you wish to participate in this event get in touch with Ron, WB9DKL, Phone 891-0016. More information in coming newsletters.

NAFI REPEATER The Naval Avionics Facility Amateur Radio Club is rebuilding its 2 meter repeater to increase the useful radius to 50 miles instead of the present 10 miles. Work is being done under the coordinator, Ron Wright, WB9TOG. An auto-patch system is also included in the new equipment. Hopefully, everything will be completed and in service by Oct. 1977.

RADIO RIPPLE CONTROL A new Electronic application currently being tested by the power generating companies for the purpose of management of "time of day" or "off peak" load demands. A signal would be transmitted by the company received by a small set by the customer, amber and green lights indicating peak and normal load conditions. The customer having the option to use power accordingly, thus reducing his rate and bill, during normal conditions, paying higher rates during peak periods.